Model:
RL21FCIH***
RL23FCIH***

Refrigerator

user manual

Free Standing Appliance

English

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DA68-02485F-7

SAMSUNG

Features of your new refrigerator

KEY FEATURES OF YOUR NEW REFRIGERATOR

Your Samsung Refrigerator comes equipped with many space-saving, innovative storage and energy-efficient features.

- **Mechanical type**
  Built-in thermal head ensures more precise control of the temperature within the refrigerator.
- **CFC-free environment-friendly**
  Environment-friendly, green products.
- **Reliable performance**
  Using famous brand totally enclosed high efficient compressor, with excellent performance and high reliability.
- **Reasonable structure**
  The layout of refrigerating in the upper part and freezing in the lower part can reduce the loss of refrigerating capacity and save power; the more frequently used refrigerating compartment is in the upper part of the refrigerator so that it is easy to access.
  The position of the refrigerating compartment shelf can be adjusted according to the size of the container.
- **No taint of odor**
  The freezing compartment is a drawer structure, which eliminates the odor taint of food, ensures convenient storage, and maintains the nutrition and original flavor of food.
- **Flat-back type**
  Built-in condenser, which is easy to be cleaned.

CE Notice

This product has been determined to be in compliance with the Low Voltage Directive (2006/95/EC), the Electromagnetic Compatibility Directive (2004/108/EC) and the Eco-Design Directive(2009/125/EC) implemented by Regulation (EC) No 643/2009 of the European Union.

SAMSUNG

For easy future reference, write the model and serial number down. You will find your model number and serial number on the left side of the refrigerator.	Model # _____ Serial # _____

Safety information

SATETY INFORMATION

WARNING
- Before operating the appliance, please read this manual thoroughly and retain it for your reference.

WARNING
- Because these following operating instructions cover various models, the characteristics of your refrigerator may differ slightly from those described in this manual.

CAUTION/WARNING SYMBOLS USED

WARNING	Indicates that a danger of death or serious injury exists.
WARNING	Indicates that a risk of personal injury or material damage exists.

OTHER SYMBOLS USED

	Represents something you must NOT do.
	Represents something you must NOT disassemble.
	Represents something you must NOT touch.
	Represents something you must follow.
	Indicates that you must disconnect the power plug from the socket.
	Represents a ground is needed to prevent electric shock.
	It is recommended that this symbol be handled by service man.

Please follow up specifically as these war ning symbols are purposed to prevent you and the others from being injured.
After reading this section, please keep it properly for future reference.

- This refrigerator must be properly located in accordance with the manual before it is used.
- Use this appliance only for its intended purpose as described in this instruction manual.
- We strongly recommend that any servicing be performed by a qualified individua.R600a or R134a can be used as a refrigerant. Check the compressor label on the rear of the appliance and the rating label inside the fridge to see which refrigerant is used for the refrigerator.

- In case of R600a refrigerant, this gas is natural gas with high environmental compatibility that is, however, also combustible. When transporting and installing the appliance, care should be taken to ensure that no parts of the refrigerating circuit are damaged.
- Refrigerant squirting out of the pipes could ignite or cause an eye injury. If leak is detected, avoid any naked flames or potential sources of ignition and air the room in which the appliance is standing for several minutes.

Safety information

WARNING

- In order to avoid the creation of a flammable gas-air mixture if a leak in the refrigerating circuit occurs, the size of the room in which the appliance may be sited depends on the amount of refrigerant used.
- Never start up an appliance showing any signs of damage. If in doubt, consult your dealer. The room must be 1m3 in size for every 8g of R600a refrigerant inside the appliance.
- The amount of refrigerant in your particular appliance is shown on the identification plate inside the appliance.
- Please dispose of the packaging material for this product in an environmentally friendly manner.
- Pull the power plug out of the socket before changing the interior light of the refrigerator.
  _ Otherwise, there is a risk of electric shock.

SEVERE WARNING SIGNS

WARNING

- Do not install the refrigerator in a damp place or place where it may come in contact with water.
- Deteriorated insulation of electrical parts may cause an electric shock or fire.
- Do not place this refrigerator in direct sunlight or expose to the heat from stoves, room heaters or other appliance.
- Allow sufficient space to install the refrigerator on a flat surface. -If your refrigerator is not level, the internal cooling system may not work correctly.
- Do not plug several appliances into the same multiple power board. The refrigerator should always be plugged into its own individual electrical which has a voltage rating that matched the rating plate.
  – This provides the best performance and also prevents overloading house wiring circuits, which could cause a fire hazard from overheated wires.
- Never unplug your refrigerator by pulling on the power cord. Always grip plug firmly and pull straight out from the outlet.
  – Damage to the cord may cause a short-circuit, fire and/or electric shock.
- Make sure that the power plug is not squashed or damaged by the back of the refrigerator.
- Do not bend the power cord excessively or place heavy articles on it.
  – This constitutes a fire hazard.
- Have the power cord repaired or replaced immediately by the manufacturer or its service agent if power cord has become frayed or damaged.
- Do not use a cord that shows cracks or abrasion damage along its length or at either end. If the power cord is damaged, have it replaced immediately by the manufacturer or its service agent.
- When moving the refrigerator, be careful not to roll over or damage the power cord.
- Do not insert the power plug with wet hands.
- Unplug the refrigerator before cleaning and making repairs.
- Do not use a wet or damp cloth when cleaning the plug.
- Remove any foreign matter or dust from the power plug pins.
  – Otherwise there is a risk of fire.
- If the refrigerator is disconnected from the power supply, you should wait for at least ten minutes before plugging it back.
- If the wall socket is loose, do not insert the power plug.
  – There is a risk of electric shock or fire.
- The appliance must be positioned so that the plug is accessible after installation.

- The refrigerator must be grounded.
  – You must ground the refrigerator to prevent any power leakages or electric shocks caused by current leakage from the refrigerator.
- Never use gas pipes, telephone lines or other potential lightening rods as ground.
  – Improper use of the ground plug can result in electric shock.
- Do not dissemble or repair the refrigerator by yourself.
  – You run risk of causing a fire, malfunction and/or personal injury.
- If you smell pharmaceutical or smoke, pull out power plug immediately and contact your Samsung electronics service center.
- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufactruer.
- Before changing the interior light, unplug the appliance from the power supply.
- If you experience difficulty when changing the light, contact your service center.
- The appliance is not intended for use by persons(including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concer ning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- If the supply cord is damaged, it must be replaced by the manufacurer, it, s service agent or similarly qualified persons in order to avoid a hazard.
- Do not let children hang on the door. If not, a serious injury may occur.
- Do not touch the inside walls of the freezer or products stored in the freezer with wet hands.
  – This may cause frostbite.
- If the refrigerator is not to be used for a long period of time, pull out the power plug.
  – Deterioration in the insulation may cause fire.
- Do not store articles on the top of the appliance.
  – When you open or close the door, the articles may fall and cause personal injury and/or material damage.

CAUTION SIGNS

CAUTION

- This product is intended only for the storage of food in a domestic environment.
- Manufacturer's recommended storage times should be adhered to. Refer to relevant instructions.
- Bottle should be stored tightly together so that they do not fall out.
- Do not overfill the refrigerator with food.
  – When you open the door, an item may fall out and cause personal injury or material damage.
- Do not put bottles or glass containers in the freezer.
  – When the contents freeze, the glass may break and cause personal injury.
- Do not spray inflammable gas near the refrigerator.
  – There is a risk of explosion or fire.
- Do not directly spray water inside or outside the refrigerator.
  – There is a risk of fire or electric shock.
- Do not apply strong shock or excessive force onto the surface of glass.
  – Broken glass may result in a personal injury and/or property damage.

Safety information

- Do not store volatile or flammable substances in the refrigerator.
  - The storage of benzene, thinner, alcohol, ether, LP gas and other such products may cause explosions.
- Do not re-freeze frozen foods that have thawed completely.
- Do not store pharmaceuticals products, scientific materials or temperature-sensitive products in the refrigerator.
  - Products that require strict temperature controls must not be stored in the refrigerator.
- Do not put a container filled with water on the refrigerator.
  - If spilled, there is a risk of fire or electric shock.

CAUTION SIGNS FOR CLEANING

- Do not insert your hands into the bottom area under the appliance.
  - Any sharp edges may cause personal injury.
- Never put fingers or other objects into the dispenser hole.
  - It may cause personal injury or material damage.
- If the refrigerator is disconnected from the power supply, you should wait for atleast five minutes before plugging it back.

WARNING SIGNS FOR DISPOSAL

- When disposing of this or other refrigerator/s, remove the door/door seals, doorlatch so that small children or animals cannot become trapped inside.
- Leave the shelves in place so that children may not easily climb inside. R600a or R134a is used as a refrigerant. Check the cimpressor label on the rear ofthe appliance or the rating label inside the fridge to see which refrigerant is used for your refrigerator. When this product contains flammable gas(Refrigerant R600a)contact your local authority in regard to safe disposal of this product.
- Cyclopentane is used as a insulation blowing gas. The gases in insulation material require special disposal procedure. Please contact your local authorities in regard to the environmentally safe disposal of this product. Ensure that none of the pipes on the back of the appliances are damaged prior to disposal. The pipes shall be broke in the open space.

CAUTION

In the event of a power failure, call the local office of your Electricity Company and ask how long it is going to last.

Most power failures that are corrected in an hour or two will not affect your refrigerator temperatures.

However, you should minimize the number of door openings while the power is off.

But should the power failure last more than 24hours, remove all frozen food.

For doors or lids fitted with locks and keys, the keys be kept out of the reach of children and not in the vicinity of the refrigerating appliance, in order to prevent children from being locked inside.

CAUTION

There is protective film on the surface of some refrigerator models, which is used to protect the refrigerator from scratches during transport. To avoid static electricity, please peel off the protective film slowly. If the protective film is not removed for a long time, it may cause color shading of the steel plate.

Safety information

ADDITIONAL TIPS FOR PROPER USAGE

- Allow the appliance to stand for 2 hours after installation.
- To get best performance of product,
  - Do not place foods too closely in front of the vents at the rear of the appliance as it can obstruct free air circulation in the freezer compartment.
  - Wrap the food up properly or place it in airtight containers before put it into the fridge freezer
  - Do not put any newly introduced food for freezing near to already frozen food. Do not place carbonated or fizzy drinks in the freezer compartment.
- Please observe maximum storage times and expiry dates of frozen goods.
- There is no need to disconnect the refrigerator from the power supply if you will be away for less than three weeks. But, remove all the food if you are going away for the three weeks or more. Unplug the refrigerator and clean it, rinse and dry.
- If the key is provided with refrigerator, the keys should be kept out of the reach of children and not in the vicinity of the appliance.
- The appliance might not operate consistently (possibility of defrosting of contents or temperature becoming too warm in the frozen food compartment) when sited for an extended period of time below the cold end of the range of temperatures for which the refrigerating appliance is designed.
- Do not store food which goes bad easily at low temperature, such as bananas, melons.
- Place the ice tray at the originally provided posistion by manufacturer in order to achieve optimal ice-freezing.
- Your appliance is frost free, which means there is no need to manually defrost your appliance, as this will be carried out automatically.
- Temperature rising during the defrost can comply with ISO requirement. But If you want to prevent an undue rise in the temperature of the frozen food whiledefrosting the appliance, please wrap the frozen food in several layers of paper such as newspaper.
- Any increase in temperature of frozen food during defrosting can shorten its storage life.
- The appliance is intended to be used in household and similar applications such as

– staff kitchen areas in shops, offices and other working environments;

– farm houses and by clients in hotels, motels and other residential type environments;

– bed and breakfast type environments;

– catering and similar non-retail applications.

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Setting up your refrigerator

INSTALLING THE REFRIGERATOR

Confirm the size of your home door

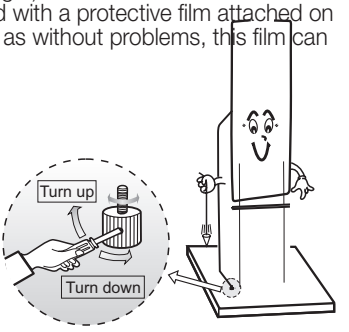
Confirm your home door size to determine whether the refrigerator can pass through your home door.

*Dimension of the refrigerator

	Size (mm)	MODEL
Width	546	ALL MODEL
Depth	620	RL21FCIH*
	610	RL23FCIH*
Height	1436	RL21FCIH*
	1584	RL23FCIH*

Remove all packaging components, including internal adhesive tape and sponge, etc.
For the first time use, the shelf shall be properly installed; the protrusions on the both sides shall be embedded in the grooves of the two sides of the inner tank so as to ensure a good position.
Be sure to remove the foam bottom pad when using the refrigerator:

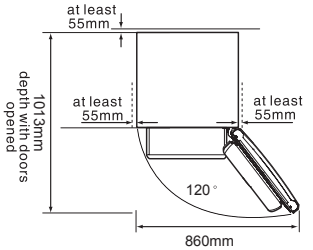
1. If the refrigerator is placed a little uneven, the level of the refrigerator can be adjusted by rotating the adjuster at the bottom of the refrigerator (rotating to the left is to raise it).
   There's an adjusting hole at the lower part of the adjuster, and adjustment can be conducted by inserting simple tools such as a screwdriver (see the figure on the right).
   To protect the appearance of the two sides, new machines shipped with a protective film attached on both sides, if the appearance of the machine has been determined as without problems, this film can be torn off to avoid affecting the aesthetic perception.

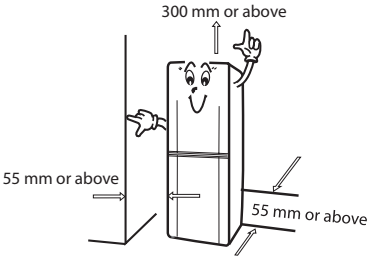


The refrigerator shall be placed on a flat and firm ground; otherwise it will generate noise and vibration.

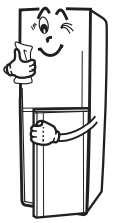
- Noise will increase if placed on an unfirm floor;
- If it is to be placed on the carpet, please pad a solid base plate, so as to avoid discoloration due to the heat at the lower part of the refrigerator or hindering the heat elimination;
- To ensure a stable arrangement, the adjustable footing shall cling to the ground, and the refrigerator shall tilt backward slightly, so as to conveniently close the door.

2. The back and the sides of the refrigerator shall be 55 mm or above away from the wall, and the top shall be at least 300mm away from the wall.



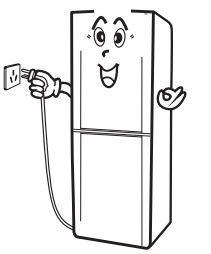


3. Clean the inside and outside of the refrigerator with a wet cloth (a small amount of detergent can be added into warm water).



4. Place the refrigerator stably, then power on it after about 1 hour.

After cooling the refrigerator for 2-3 hours, then food can be stored, and the refrigerator begins to work.
It is recommended to store food after 2-3 hours.



Grounding of the machine

WARNING

- The machine must be grounded before use.
  - To prevent the power loss or electric shock caused by the electric leakage of the machine.
  - Do not use gas pipes, telephone lines or other potential lightning rod as grounding terminal.

- Never use a non-grounded power outlet.
  - The ground wire (yellow or green) shall be well connected.

Operating your refrigerator

PREPARATION BEFORE OPERATION

After completing the following steps, the refrigerator can be used at ease. If not, please check the power supply situation and the power source.

For questions or problems, please contact your nearest Samsung service center.

1. Install the shelves and containers removed for the transportation to the correct place (see Page 12).
2. Clean refrigerating compartment, freezing compartment and accessories, and eliminate dust accumulated during the packaging and shipping process (see Page 14).
3. After the refrigerator is powered on, each time when you open the refrigerator door, the lights inside the refrigerator will turn on.
4. Set the temperature control to the minimum and wait for an hour, then the refrigerator may be slightly cool. Meanwhile, the compressor should run smoothly and have gentle hum.
5. When the refrigerator's temperature is low enough, food can be stored.

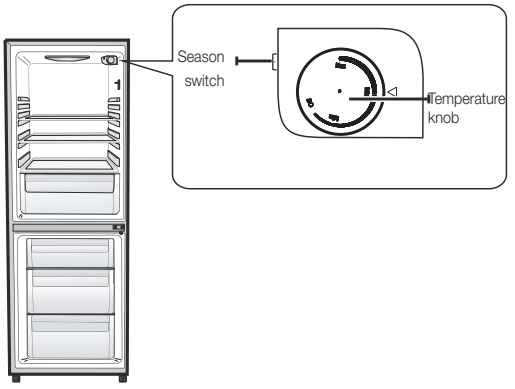
   Please remember, after the refrigerator is started, it will take a few hours to reach proper temperature.

Before powered on, check the voltage range, wires and sockets must be able to withstand current of 10A or above.

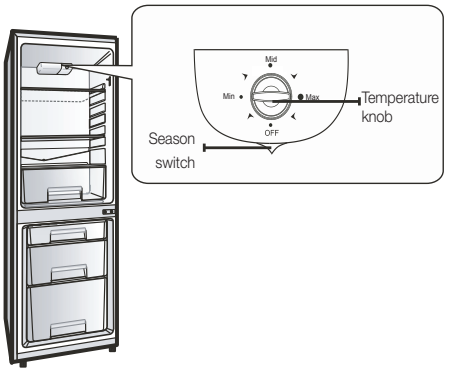
TEMPERATURE CONTROL

1. Season switch

RL23FC***



RL21FC***



When the ambient temperature is below 15°C(RL23FC**)/10°C(RL21FC**), the season switch should be turned on; When the temperature is higher than 15°C(RL23FC**)/10°C(RL21FC**), the season switch should be turned off.

2. Temperature knob

Refrigerator temperature is adjusted by thermostat knob, the knob arrow points to the stalls printed on the temperature control box, representing the warm and cold conditions inside the refrigerator ("MAX\MID\MIN").

- The more "MAX" the knob arrow points to, the lower the temperature inside;
- The more "MIN" the knob arrow points to, the higher the temperature inside;
- "Off" means to stop working.

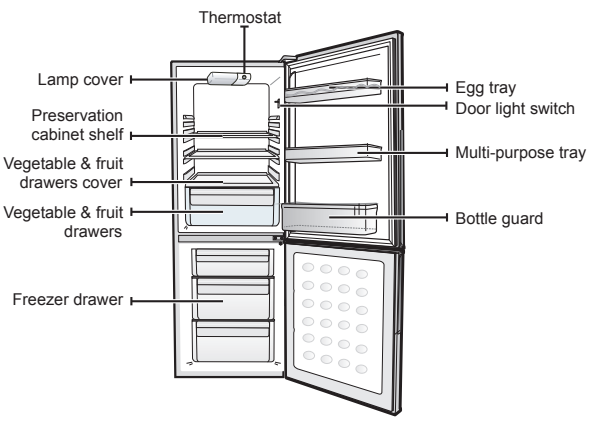
Users may select the thermostat knob position as needed.

To improve the life and use efficiency of the refrigerator, it is recommended to adjust by referring to the table on the right:

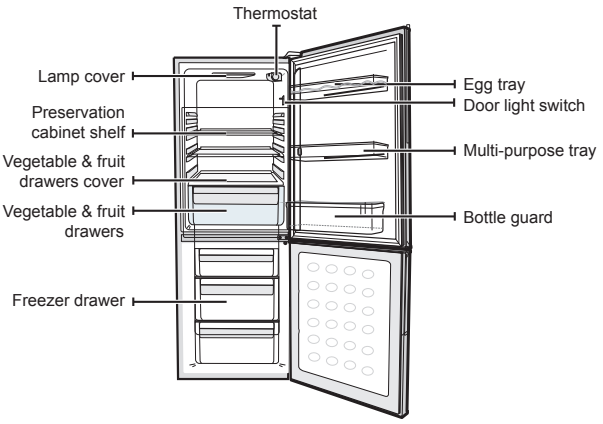
Reference stalls	Occasion of use
Lean to “MIN”	Ambient temperature ≥30°C
Lean to “MID”	Ambient temperature 16~30°C
Lean to “MAX”	Ambient temperature ≤16°C

VIEW OF YOUR REFRIGERATOR

RL21FCIH*



RL23FCIH*



To get the best energy efficiency of this product, please leave all selves, drawers and baskets on their original position like as above illustration.

Accessories

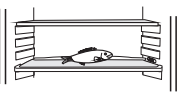
Name	RL21FCIH*/RL23FCIH*
Freezer drawer	3
Preservation cabinet shelf	2
Vegetable & fruit drawers	1
Vegetable & fruit drawers cover	1
Egg tray	1
Bottle guard	1
Multi-purpose tray	1

STORING FOOD

It is recommended to package food with freshness protection package (film), or cover the food containers with covers, so as to prevent food drying or odor taint.

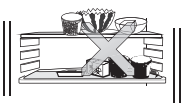
Hot food and drinks shall be placed in the refrigerator after cooled to room temperature, so as to save electric energy.

Cooked and raw food should be stored separately.

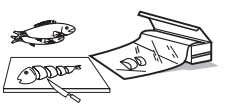


Food should not be placed too close to each other; there should be plenty of room to help keep the air circulating.

Food and containers can not be close to the rear panel.

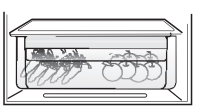


It is better to store the food by cutting it into small pieces.

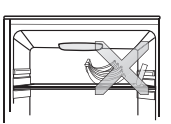


Washable food such as fruit, vegetables and so on are better to be stored after cleaned and dried.

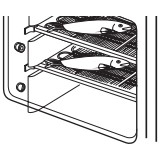
Fruit and vegetables should be placed in the fruit and vegetables compartment to maintain their moisture and freshness.



Tropical fruit such as bananas, pineapple, etc. should not be placed in the refrigerator for storage;
Items have very strict requirements on temperature can not be stored, such as serum, vaccine, academic information, etc.



If you need to store large amounts of food, ice making, or rapid cooling, you can remove the freezing compartment drawer, and place frozen food directly on the evaporator partition.



Operating your refrigerator

MAINTAINING AND CLEANING

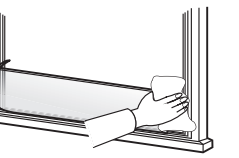
Internal accessories

Remove all the shelves, door frames, baskets, covers, drawers, etc., and wipe with a soft cloth dipped in warm water or neutral detergent (for washing tableware).

After using detergent, you must wipe with water, and then dry with a dry cloth.

Door seals

Door seals contaminated with oil or soy sauce and other fluids are easy to be damaged over time, especially the lower side door seal of the upper door is most likely to be contaminated, so it must be carefully wiped, the groove shall be wiped by a wood chopstick wrapped with sliver. When embedding the door groove after clean-up, first fix the four corners, and then embed section by section.



Refrigerator defrosting method

When the frost layer inside the refrigerator is too thick, it may affect the cooling effect of the refrigerator; at this time, the food inside the refrigerator can be removed, wrapped and placed in a proper place; unplug the power supply; after the frost melted, wipe the water stain with a dry soft cloth, plug the power supply to start it, and then set the temperature to run; generally defrost the freezing compartment once or twice within one year.

1. Before defrosting, the refrigerator power cord must be unplugged; after defrosting, the freezing compartment shall be thoroughly cleaned;
2. Usually, the most appropriate time for defrosting is when the freezing compartment is empty or almost empty;
3. Do not use metal or sharp tools for defrosting, so as to avoid damaging the refrigerator;
4. Do not use an electric heater to defrost;

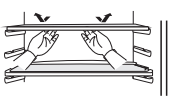
Notes for internal and external cleaning of the refrigerator

- Before cleaning, firstly, the power plug must be unplugged from the outlet; the interval between plugging and unplugging should be longer than 5 minutes;
- When cleaning, do not let water get into the light box;
- Scrub with a soft towel dipped in warm water or neutral detergent, and then wipe with a dry cloth;
- Do not scrub with detergents containing abrasive (like toothpaste), acids, chemical solvents (like alcohol) or polishing agent;
- To ensure the refrigerator performance, periodically clean it;

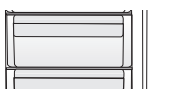
Please make the following checks after maintenance:
Check of the power line for cracking or damage;
Check of the power plug for the reliability of plugging into the outlet;
Check of the power plug for abnormal heating, etc.;

ACCESSORIES DISASSEMBLY

1. Refrigerating compartment shelf
– The shelf position can be changed according to the height of the container.



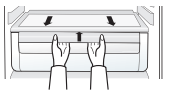
2. Freezing compartment drawer
– Pull out to the block, and it can be removed after the upward tilt.



ACCESSORIES DISASSEMBLY

3. Fruit and vegetable basket and cover

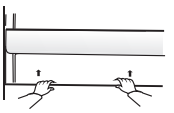
– Pull out the fruit and vegetable basket, and remove it after the front part elevated.



When removing, do not forcibly pull out to avoid damage to the refrigerator.

4. Egg rack, multi-purpose rack and large bottle rack

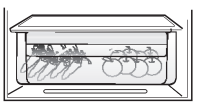
– They can be removed after the upward elevation.



5. Fruit and vegetable basket

– Fruit and vegetable basket can maintain the moisture and freshness of fruit and vegetables, because its closed-form can prevent cold air from directly contacting with fruit and vegetables.

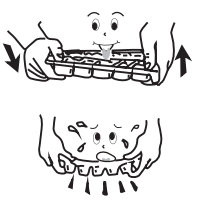
It is applicable to the storage of vegetables and fruit.



6. Icing box

– Pour cooled boiled water or drink into the clean icing box and place it in the freezing compartment.

– When taking the ice, just twist the icing box, and do not twist up and down.



REPLACING THE LED LAMP

The product uses LED lighting. For replacement, please contact the SAMSUNG customer care center, and do not replace it by yourself.

Troubleshooting

No refrigeration, not cold enough, too cold	The refrigerator does not work, does not refrigerate	– The plug hasn't been plugged properly. – No power, power outlet failure. – The refrigerator powered off during running, and powered on again within 5 minutes
	The refrigerator is not cold enough	– The refrigerator door hasn't been closed properly. – The refrigerator is next to heat sources or exposed to direct sunlight. – Poor ventilation around the refrigerator, and slow heat elimination.
	Long-running of the refrigerator	– The refrigerator door has been opened too frequently; the door hasn't been closed properly. – Poor ventilation outside the refrigerator, and slow heat elimination of the refrigerator. – Place a large amount of food into the refrigerator at one time; food is stacked too close, affecting air circulation.
	The refrigerating compartment is too cold, and food is frozen	– The refrigerating temperature is too low, users are recommended to adjust the temperature to a higher degree. – The food stored contacts with the cold source of the rear wall of the refrigerating compartment.
There's unusual noise in the refrigerator	The refrigerator is not on a flat place	– If the refrigerator is placed a little uneven, the running noise will increase; the level of the refrigerator can be adjusted by rotating the adjuster at the bottom of the refrigerator
	Sound of airflow or gurgling sound of water flow	– The temperature inside the refrigerator can be quickly lowered through the flow of refrigerant in the pipeline. Refrigerants can be divided into two types, namely gas and liquid; there may be a slight sound in the flow process
	Slight "hum" sound	– The compressor is working, and the sound is slightly higher when it just starts. High efficient refrigerator has a slightly higher sound due to the strong working of the compressor
	"Click", "bubble" sound	– When the refrigerator is powered on or powered off, the start relay and thermal protector and other electrical components may suddenly produce "click" and "bubble" sound due to constant pick-up or disconnection
	Cracking sound or the "pop" sound	– When the refrigerator is running, due to temperature changes, food may produce cracking sound or the evaporator and pipeline may produce "pop" sound due to expansion on heating and contraction on cooling

In summer, due to high ambient temperature, the refrigerator eliminates heat slowly, leading to the working hours of the compressor too long.
Users are recommended to set the refrigerating temperature to "MIN".
In winter, the ambient temperature is low and has a small difference with the temperature within the refrigerator, and then the refrigerating compartment will not be cold enough, which is normal.
Users are recommended to set the refrigerating temperature to "MAX".

Condensation/water leakage, frosting/freezing	Condensation in the center beam and container frame	– It will occur when the environment is very humid. – Use a soft cloth to dry it.
	Condensation in the fruit and vegetable basket	– When the door is kept open for a long time. – Liquid food is stored without adding a cover.
	Defrosting water overflows in the refrigerator	– Water outlet is blocked. – Use the drain plug or similar tools to clear.
	Frosting or freezing of the internal back of the refrigerating compartment	– When the refrigerator is running, the temperature of the refrigerating pipeline at the internal back of the refrigerator is below 0°C, then the back will frost or freeze when there's too much humidity inside the refrigerator. – After the refrigerator stops running, the frost will automatically melt, and condensation and water drops will appear. – It is recommended to clean once a month. – Food and the food containers can not be close to the rear panel.
The two sides are hot, unusual odor	The front frame of the refrigerator or the side plate are hot	– To prevent water vapor condensation on the frame of the refrigerator, an anti-condensation pipe is installed within the frame; the refrigerator will be hot while running, which is normal rather than a phenomenon of failure. – The two sides of the refrigerator are equipped with heat elimination device (condenser), so the occurrence of hot of the two sides is normal.
	Unusual odor in the refrigerator	– Strong smelling food should be wrapped tight. – Check for bad food. – The refrigerator needs cleaning.

The temperature inside the refrigerator is lowered through the compressor operating and refrigerant circulation and other processes, so as to maintain the freshness and nutrition of food. When the refrigerator is running, you will hear some slight sounds, which are normal, please use it with ease.

Memo

Memo

Ambient Room Temperature Limits

This fridge/freezer is designed to operate in ambient temperatures specified by its temperature class marked on the rating plate.

Class	Symbol	Ambient Temperature range(°C)
Extended Temperate	SN	+10 to +32
Temperate	N	+16 to +32
Subtropical	ST	+16 to +38
Tropical	T	+16 to +43

NOTE: Internal temperatures may be affected by such factors as the location of the fridge/freezer, ambient temperature and the frequency with which you open the door. Adjust the temperature as required to compensate for these factors.

Contact SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care center.

COUNTRY	CALL	Web site
AUSTRALIA	1300 362 603	www.samsung.com/au/support
COLOMBIA	Bogotá 600 12 72 Gratis desde cualquier parte del país 01 8000 112 112 ó desde su celular #SAM(726)	www.samsung.com/co/support
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